

## Software Engineer

Front-end web and app development

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# Grace Manning

[grace-manning.com](https://grace-manning.com)

4<sup>th</sup>-year student at University of California, Irvine

## Education

### University of California, Irvine – *B.S. Computer Science*

- Design & implementation of data structures and algorithms
- Database management systems (MySQL, PostgreSQL, Cassandra, MongoDB)
- Principles in software design
- Human-Centered Design, user interface heuristics

**Member of Campuswide Honors Collegium & Dean's Honor List recipient**

## Skills

### Technical:

- **Web Dev:** HTML, CSS, JavaScript, React, Angular
- **App Dev:** Flutter/Dart, Android Studio, Xcode
- **UI/UX:** Figma
- **Other languages:** Python, C++, C, Java, Racket

### Interpersonal:

- Comfortable with public speaking.
- Experienced leader and team player.
- Creative problem solver.
- Open and honest communicator.
- Adaptable, inspired to learn.

## Projects

### Undergraduate Research, September 2022 – Present

- Implemented a web crawler to collect data from 5 fast fashion and 5 slow fashion retail websites.
- Analyzed the findings to determine quantitative differences in website structure and design.
- Tech stack: Typescript / Node.js.

### Cowculator, June 2022 – Present

- Designed a cow-themed calculator mobile application in Figma and built it using the Flutter framework.
- Utilized XCode and Android Studio to ensure a unified cross-platform experience.
- Tech stack: Flutter / Dart.

### Personal Website, December 2021 – Present

- Designed and built a portfolio website, hosted on Github pages.
- Tech stack: HTML, CSS, React.

## Leadership

### VenusHacks, UCI's largest women-centric hackathon

*Co-President, 2022-2023*

- Overseeing higher-level hackathon operations and managing communication between three committees.

*Marketing Organizer – Website Team, 2021-2022*

- Updated and maintained the VenusHacks website. Familiarized myself with the preexisting codebase in React.
- Learned how to open issues, open pull requests, and do code reviews in Github.

### Women in Information & Computer Sciences (WICS) at UCI

*Marketing Chair, 2021-2022*

- Led a team of 6 graphic designers and 5 marketing committee members to create social media posts, design club t-shirts, organize the WICS booth at campus events, and increase event attendance.

*Marketing Committee Member, 2020-2021 & 2022-2023*

- Completed tasks to advertise WICS, encouraged students to get involved, and assisted with setup / cleanup of weekly general events.

## Work Experience

### Office Assistant at Pure Lab Solutions, July 2018 – Present

- Assist remote workers by taking on-hand inventory counts, receiving packages into inventory, and completing physical filing tasks.
- Determine methods to improve office processes in the Corporate, Service, Warehouse, and Accounting departments.

### Campus Representative at Undergraduate Admissions – UC Irvine, July 2021 – March 2022

- Informed prospective students, parents, and other visitors about UCI through in-person and virtual guided tours.

### Service Experience Representative at Nordstrom, July – September 2021

- Maintained organization and customer relations while working in Order Pickup and the Service Bar.
- Solved customer issues with a strong attention to detail, such as missing orders or credit card issues.
- Assisted personal stylists with client appointments by pulling product throughout the store.

### Summer Intern & Coding Instructor at ThoughtSTEM LLC, July 2017 & July 2018

- Taught summer camp classes in robotics, Arduino, 2D game design, and application development.
- Learned the Racket programming language and application development in Unity.